

Model 1800H Power with collection container

82.06.1804



RONDA® 1800H Power is a powerful H-class vacuum cleaner of high quality, which is suitable for large quantities of very fine and/or health hazardous dust. This machine can be used both for general vacuuming and as dust extractor directly from grinding or cutting machines. The vacuum cleaner is emptied from the bottom and collects the vacuumed material in a robust steel container, which is released by lowering a handle. It is possible to collect the dust in a plastic sack, in a disposable container or direct in the container of the machine.

RONDA® 1800H Power is equipped with the latest motor technology which ensures a high level of suction, even if a longer suction hose is required. The motor is started through a built-in soft start, which will reduce the power consumption during start-up and consequently protect both the motor and the electrical system.

If the air flow in the hose should fall below 20 m/sec., for instance because of a blocked hose, and overfilled container, a blocked filter etc. at the risk of exposing the user and surroundings to unnecessary dust nuisances, an alarm in the form of a beep signal will be activated.

The large multi-tube filter has a self-cleaning effect, which together with the Teflon-coating makes the filter perfect for large quantities of fine dust, such as cement or gypsum dust. An efficient shock valve makes it possible to clean the multi-tube filter during operation. This is a robust system without many movable parts and with a long life.

RONDA® 1800H Power is delivered in a robust trolley frame that protects the machine and makes it easy to transport the machine.

TECHNICAL DATA

VERSION 2020

PMax./PNom	1450/1230	W
Voltage	230	V
Power outlet, max.*	2000	W
Min. consumption of power outlet	>100	W
Data of the installed motor:		
- Vacuum, max. (per motor)	3000	mmWC
	29,5	kPa
- Air flow, max. (per motor)	54	l/sec.
	194	m ³ /h.
- Air flow (measured)**	46	l/sec.
	166	m ³ /h.
Noise level (ISO 11201)	<70	dB(A)
Collection capacity (bag/container)	16/28	l
Pre-filter	1,4	m ²
HEPA-filter	1,2	m ²
Height	1300	mm
Width	550	mm
Length/Depth	550	mm
Weight without accessories	33	kg
Container coupling	ø 50	mm
Length of supply cable	8	m

* CH: 850 W

** Data of the vacuum cleaner with 4 m ø38 mm hose

- Suitable for extraction from hand tools
- Self-cleaning Teflon-coated multi-tube filter (BIA dust class M)
- Continuous suction power
- Filter cleaning during operation
- IFA classified HEPA filter in dust class H (filters 99.995% at 0,3 µm)
- Power outlet with automatic start-/stop function
- Trolley frame with large wheels
- Emptying from the bottom with collection in a metal container
- Low noise level
- Static electricity dissipation
- Beeper alarm in case of too low air flow
- Soft start of motor
- 7 sec. post-suction when using hand tools
- Parking for tube and floor nozzle
- Available with collection in Longopac bag
- Available with separate exhaust coupling
- Available with outlet for operation on second fuse group

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STANDARD ACCESSORIES:

40 mm professional's set (antistatic)	80.43.4039
1 Plastic hose, antistatic, ø 38 mm, 4 m.....	84.74.3806
2 Complete tube with bend.....	80.52.2160
3 Crevice nozzle.....	80.34.4000
4 Round brush.....	80.34.4001
5 Tool adapter w/air adjustment Ø-25 & Ø-32 mm	83.89.4950
6 All-purpose floor nozzle B-370	84.38.3620

STANDARD FILTERS:

1 Multi-tube filter.....	84.67.1110
2 HEPA-filter.....	84.67.5036
3 Plastic sack	84.64.9996
4 Disposable container with lid.....	84.64.9994



MACHINE VARIANT AND OPTIONAL EXTRAS:

1. RONDA 1800H-C Power with 16A in-/outlet for operation on second fuse group 82.06.1815
- RONDA® 1800H Power - complete machine with Longopac..... 82.06.1801
- Separate exhaust coupling for disposal of smoke and unpleasant fumes from for instance cutting and grinding tasks, unmounted* 84.31.0043
- 5 m complete hose, 32 mm / 25 mm and ø 25 mm connection of tools..... 84.74.3206
- 5 m complete hose, 32 mm and ø 32 mm connection of tools..... 84.74.3208
- Suction hoses can be supplied in customized dimensions, so that length, diameter and couplings of the hose are the best possible for the task.

* An outlet hose ø 50 mm is required

Last edited: 06/01/20